



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
9900 SW 107<sup>TH</sup> AVENUE, SUITE 203  
MIAMI, FLORIDA 33176

South Permits Branch

JUN 3 0 2009

## PUBLIC NOTICE

Permit Application No. SAJ-2009-02399(IP-INS)

TO WHOM IT MAY CONCERN: This district has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) as described below:

APPLICANT: Florida Dept of Environmental Protection  
Office of Greenways and Trails  
3900 Commonwealth Blvd., MS 795  
Tallahassee, FL 32399-3000

WATERWAY & LOCATION: The project is located on U.S. 1/S.R. 5 and Old S.R. 4A adjacent to the Atlantic Ocean and Florida Bay, in Monroe County, Florida (MM±16.5-25.5).

Directions to the site are as follows: US-1 south to MM 25.5.

LATITUDE & LONGITUDE: Latitude 24.6608140486 North  
Longitude 81.5210131087 West

PROJECT PURPOSE:

Basic: The basic project purpose is to expand and connect an existing pedestrian and bicycle path.

Overall: The overall project purpose is to expand and connect an existing pedestrian and bicycle path for public recreational use in the southern Florida Keys.

PROPOSED WORK: The applicant proposes to impact 0.484 acres of jurisdictional wetlands to expand and connect an existing pedestrian and bicycle path. This includes 0.136 acres of fill impact, 0.095 acres of clearing and shading impact due to construction of the boardwalk, and 0.253 acres of temporary wetland impacts necessary to conduct the proposed wetland mitigation.

The attached plans include only those locations with proposed wetland impacts. For a full set of project plans, please contact the Miami Regulatory Office.

Avoidance and Minimization Information: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment:

The applicant has avoided impacts to 25 of the 37 delineated wetlands within the proposed project boundaries.

Compensatory Mitigation: The applicant has offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment:

The applicant proposes to offset unavoidable impacts to wetlands by restoring 0.490 acres of wetland from existing uplands and enhancing functional qualities of 4.19 acres of existing wetlands. Conducting the mitigation will necessitate temporarily impacting 0.253 acres of existing wetlands (grading needed to restore hydrologic connections between 2 wetlands separated by uplands).

EXISTING CONDITIONS: The wetland system consists of a saltwater system. The onsite vegetation consists of mangroves and buttonwoods. The existing area surrounding the project area consists of US-1 and Old SR 4A, wetlands, surface waters and uplands, and commercial and residential development.

ENDANGERED SPECIES: The U.S. Army Corps of Engineers (Corps) has determined the proposed project may affect, but is not likely to adversely affect the Key deer and silver rice rat or its designated critical habitat. The Corps will request Fish and Wildlife's concurrence with this determination pursuant to Section 7 of the Endangered Species Act.

ESSENTIAL FISH HABITAT (EFH): This notice initiates consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996. The proposal would impact approximately 0.484 acres of mangrove and buttonwood forested wetlands utilized by various life stages of grey snapper. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or Federally managed fisheries in the Florida Keys. Our final determination relative to project impacts and the need for mitigation measures is subject

to review by and coordination with the National Marine Fisheries Service.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The jurisdictional line has not been verified by Corps personnel.

AUTHORIZATION FROM OTHER AGENCIES: Water Quality Certification may be required from the Florida Department of Environmental Protection and/or one of the state Water Management Districts.

Comments regarding the application should be submitted in writing to the District Engineer at the above address within 21 days from the date of this notice.

If you have any questions concerning this application, you may contact Ingrid N. Sotelo at the letterhead address, by electronic mail at [ingrid.n.sotelo@usace.army.mil](mailto:ingrid.n.sotelo@usace.army.mil), by fax at 305-526-7184, or by telephone at 305-779-6054.

The decision whether to issue or deny this permit application will be based on the information received from this public notice and the evaluation of the probable impact to the associated wetlands. This is based on an analysis of the applicant's avoidance and minimization efforts for the project, as well as the compensatory mitigation proposed.

**IMPACT ON NATURAL RESOURCES:** Preliminary review of this application indicates that an Environmental Impact Statement will not be required. Coordination with US Fish and Wildlife Service, Environmental Protection Agency (EPA), the National Marine Fisheries Services, and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area. By means of this notice, we are soliciting comments on the potential effects of the project on threatened or endangered species or their habitat.

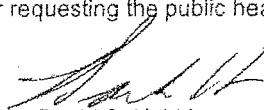
**IMPACT ON CULTURAL RESOURCES:** Review of the latest published version of the National Register of Historic Places indicates that no registered properties, or properties listed as eligible for inclusion therein, are located at the site of the proposed work. Presently, unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished.

**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act of the criteria established under authority of Section 102(a) of the Marine, Protection, Research, and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

The US Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make or deny this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**COASTAL ZONE MANAGEMENT CONSISTENCY:** In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board. In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with approved Coastal Zone Management Plan.

**REQUEST FOR PUBLIC HEARING:** Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.



David S. Hobbie  
Regulatory Division

COMPONENTS OF CONTRACT PLAN SET:  
TRAIL PLANS  
MITIGATION PLANS

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF GREENWAYS AND TRAILS**

**FLORIDA KEYS OVERSEAS HERITAGE TRAIL C 0 0 1 2 - 7  
LOWER SUGARLOAF TO SUMMERLAND KEY  
MM 16.5 TO MM 25.5**

**INDEX OF TRAIL PLANS**

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GOVERNING STANDARDS AND SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN  
STANDARD, DATED JANUARY 2008, AND STANDARD  
SPECIFICATIONS FOR ROAD AND BRIDGE  
CONSTRUCTION, DATED 2007, AS AMENDED BY  
CONTRACT DOCUMENTS.

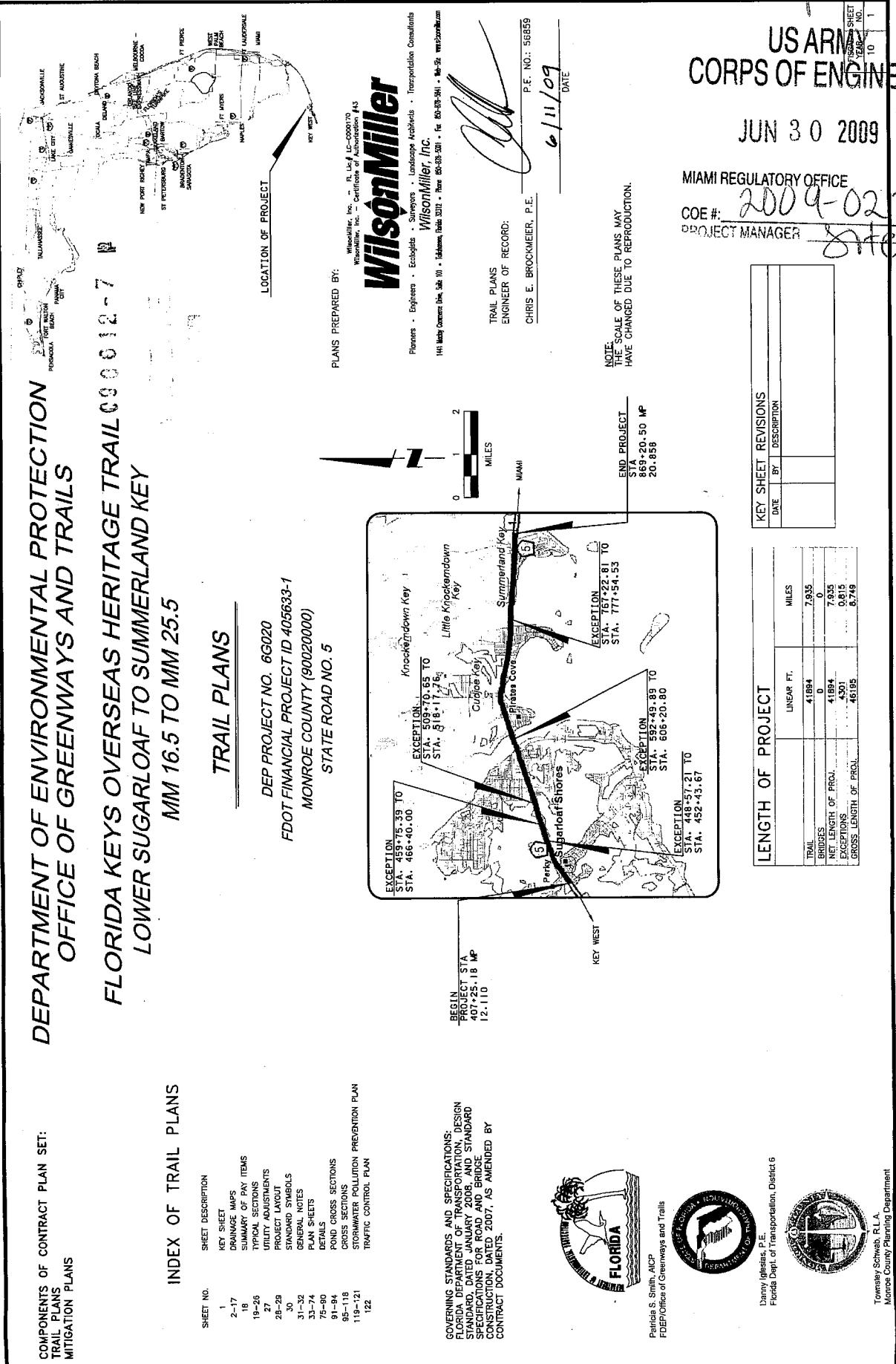


Danny Geiss, P.E.  
Florida Dept. of Transportation, District 6

Patricia S. Smith, ACP  
FDOT Office of Greenways and Trails



Townsey Schwab, RLA  
Miami-Dade County Planning Department



MIAMI REGULATORY OFFICE

COE #: 2009-02399

PROJECT MANAGER

JUN 30 2009

US ARMY CORPS OF ENGINEERS

Proposed

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## GENERAL NOTES:

- THE BENCHMARK DATUM USED FOR THIS PROJECT IS NAD 1929.
- EXISTING DRAINS, STRUCTURES AND STORMWATER MANAGEMENT FACILITIES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE DISTRICT LOCATION ENGINEER AND THE PROJECT ENGINEER, WITHOUT DELAY, BY TELEPHONE.
- VARIOUS ABBREVIATIONS MAY BE USED IN THE PROJECT PLAN SET THAT ARE NOT IDENTIFIED ON THE STANDARD VARIOUS SHEET. SOME OF THESE INCLUDE: FRONT = FLORIDA KEYS OCEANIC HERITAGE TRAIL; DEP/OGT = FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS; FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION; SPWD = SOUTH FLORIDA WATER MANAGEMENT DISTRICT; USACE = U.S. ARMY CORPS OF ENGINEERS; FWS = U.S. FISH AND WILDLIFE SERVICE; FWC = FISH AND WILDLIFE CONSERVATION COMMISSION.
- CERTAIN TREES ARE DESIGNATED TO BE SAVED AND PROTECTED BY THE CONTRACTOR. IT IS ASSUMED THESE TREES ARE HEALTHY AND EXPECTED TO BE RETAINED AS PART OF THE PROJECT LANDSCAPING. IF ANY SUCH TREES ARE DAMAGED OR EXPECTED TO BE DAMAGED BY CONSTRUCTION OPERATIONS OR BY OTHER MEANS (EXCLUDING LIGHTING, WINDSTORM AND OTHER ACTS OF GOD) AND PERISHES WITHIN THE CONSTRUCTION PERIOD, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND DISPOSE OF THOSE TREES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REPLACING SAW TREES) AND ENSURING ITS SURVIVAL FOR AT LEAST ONE YEAR FOLLOWING INSTALLATION. NO ADDITIONAL COMPENSATION SHALL BE MADE BY DEP/OGT FOR THE LABOR, MATERIAL, OR MACHINERY REQUIRED TO REMOVE OR REPLACE SAW TREES).
- WHERE EXCAVATIONS ARE IN CLOSE PROXIMITY OF TREES, CONTRACTOR SHALL USE EXTREME CARE TO NOT DAMAGE THE ROOT SYSTEM. NO EQUIPMENT, SUPPLIES, OR VEHICLES SHALL BE STORED OR PARKED WITHIN THE Drip LINE OF LANDSCAPE PLANTINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL OF HIS EMPLOYEES AND SUBCONTRACTORS OF THIS REQUIREMENT AND TO ENFORCE SAME.
- ALL PROPOSED NON-PAVED GROUND ELEVATIONS ASSOCIATED WITH CONSTRUCTION OF THE TRAIL AND PROJECT FINISH EARTHWORK GRADING SHALL BE 0.2 FEET BELOW ELEVATIONS SHOWN FOR SUCH AREAS TO ALLOW FOR SOIL THICKNESS.
- NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770), CONCAST CABLE, FLORIDA KEYS AQUEDUCT AUTHORITY, KEYS ENERGY SERVICES, BILL SOUTH AND ANY OTHER UTILITIES (GAS COMPANIES, ETC) PRIOR TO CONSTRUCTION OPERATION AND PRIOR TO ANY CONNECTION TO EXISTING UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING UTILITIES FROM DAMAGE.
- ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN AN APPROVED MANNER. ANY WELLS DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE MONROE COUNTY HEALTH DEPARTMENT, WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
- THE CONTRACTOR SHALL HAVE A COPY OF THE COMPLETE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SPWD) ENVIRONMENTAL RESPONSE PERMIT (ERP) FOR THE PROJECT AND A COPY OF THE COMPLETE U.S. ARMY CORPS OF ENGINEERS (USACE) DEPARTMENT OF THE ARMY (DA) PERMIT FOR THIS PROJECT PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL ABIDE TO THE CONDITIONS OF THESE PERMITS AND SHALL RETAIN A COPY OF EACH PERMIT AT THE PROJECT LOCATION AS APPROVED BY THE PROJECT ENGINEER.
- CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT CONCRETE PLANTS IN MONROE COUNTY DO NOT REMAIN IN CONTINUOUS FROZEN CONDITION. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE AVAILABILITY OF ALL CLASSES OF CONCRETE DESIGN MACHINES REQUIRED FOR THE PROJECT AND DELIVERY TIMES PRIOR TO BIDDING. ANY COSTS ASSOCIATED WITH PLANT CERTIFICATION SHALL BE INCLUDED IN THE APPROPRIATE CONCRETE BID ITEMS.
- IF CONTRACTORS HAVE BEEN MADE BY THE ENGINEER TO OBTAIN ALL AVAILABLE INFORMATION CONCERNING THE LOCATION OF EXISTING UTILITY FACILITIES WITHIN THE LIMITS OF THIS PROJECT, NO GUARANTEE IS MADE. HOWEVER, AS TO THE LOCATION OF EXISTING BELOW GROUND OR ABOVE GROUND UTILITIES, THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS WITHIN THE PROJECT; WHETHER ABOVE OR NOT ON THE PROJECT PLANS, AND SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO SAID UTILITIES RESULTING FROM CONTRACTOR'S WORK.

## 19. PROTECTION OF LISTED SPECIES:

- ALL MATERIALS AND LABOR UNDER THIS PROJECT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE FOOT DESIGN STANDARDS AND FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (I.E. FOOT STANDARD SPECIFICATIONS AND DRAMINS). UNLESS OTHERWISE NOTED ON THE PROJECT PLANS OR OTHERWISE APPROVED BY THE PROJECT ENGINEER, MANAGEMENT, INCLUDING INSPECTIONS, SHALL ALSO CONFORM TO THESE STANDARDS AND SPECIFICATIONS.
- AN ON-SITE PRE-CONSTRUCTION MEETING IS REQUIRED. THE DEP/OGT TRAIL MANAGER, FOOT OFFICIALS, THE DEP/OGT PROJECT ENGINEER, THE DEP/OGT TRAIL MANAGER, AND ALL POTENTIALLY AFFECTED UTILITIES TO ARRANGE FOR THE PRE-CONSTRUCTION MEETING. THIS MEETING MUST BE CONDUCTED AT LEAST ONE WEEK PRIOR TO CONSTRUCTION NORMLIZATION. PROJECT CONSTRUCTION ACTIVITIES SHALL NOT BEGIN UNTIL AFTER THIS MEETING.
- ALL PROJECT ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS AND ALL REQUIREMENTS OF PERMITS OBTAINED FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING COMPLIANCE WITH SUCH REGULATIONS, REQUIREMENTS, AND PERMIT CONDITIONS.

## 16. AN ON-SITE PRE-CONSTRUCTION MEETING IS REQUIRED.

## 17. NO STAGING OR MATERIALS OR EQUIPMENT SHALL OCCUR IN ANY NATURAL VEGETATION COMMUNITIES INCLUDING WETLANDS. CONTRACTOR SHALL USE EXISTING STAGING AREAS THAT HAVE BEEN PREVIOUSLY APPROVED BY SPWD FOR PROJECT STAGING PURPOSES. THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF RECOMMENDED STAGING AREAS WITH THE FOOT DISTRICT 6 ENVIRONMENTAL PERMITS COORDINATOR, MONROE COUNTY, THE DEP/OGT PROJECT MANAGER, AND THE DEP/OGT TRAIL MANAGER. THE CONTRACTOR MUST PROVIDE A LOCATION MAP INDICATING PROPOSED STAGING AREAS AS THE TIME OF THE PRE-CONSTRUCTION MEETING. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING THE FOOT DISTRICT 6 ENVIRONMENTAL PERMITS COORDINATOR AND THE DEP/OGT PROJECT MANAGER (OR MANAGER'S DESIGNEE) AT LEAST SEVENTY-(70) HOURS PRIOR TO THE START OF ANY PRE-APPROVED STAGING ACTIVITIES. FOR UNFORESEEN STAGING NEEDS IDENTIFIED AFTER THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL COORDINATE REVIEW OF SAW STAGING AREAS WITH THE FOOT DISTRICT 6 ENVIRONMENTAL PERMITS COORDINATOR, MONROE COUNTY, AND THE DEP/OGT PROJECT MANAGER (OR MANAGER'S DESIGNEE) AT LEAST TEN (10) DAYS PRIOR TO INITIATING OPERATIONS WITHIN THE NEWLY PROPOSED STAGING AREAS. ANY NECESSARY STAGING AREAS THAT HAVE NOT BEEN PREVIOUSLY AUTHORIZED BY SPWD MUST FIRST BE APPROVED BY SPWD PRIOR TO USING SUCH AREAS.

## 18. GENERAL VEGETATION CLEARING AND TRIMMING:

- AS USED HEREIN, THE TERM MANGROVE TREES OR MANGROVES REFERS TO RED MANGROVE (Rhizophora mangle), BLACK MANGROVE, (Avicennia germinans), AND WHITE MANGROVE (Lumnularia racemosa), WHILE THE TERM BUTTONWOOD TREES OR BUTTONWOODS REFERS TO GREEN BUTTONWOOD (Conocarpus erectus). PROJECT CONSTRUCTION ACTIVITIES IN UPLAND AREAS ADJACENT TO WETLANDS MAY REQUIRE REMOVAL OR TRAINING OF A LIMITED NUMBER OF MANGROVE TREES. PROJECT CONSTRUCTION ACTIVITIES IN UPLAND AREAS SATED FOR IMPACTS AND IN WETLANDS WITHIN WETLAND MITIGATION AREAS WILL REQUIRE REMOVAL OR TRAINING OF MANGROVE TREES IN MANY CASES, IN ADDITION TO REMOVAL AND/OR TRAINING OF BUTTONWOOD TREES.

- ALL TRIMMING OF MANGROVES, INCLUDING TRAINING OF PROP ROOTS, MUST BE CONDUCTED BY OR PERFORMED UNDER THE DIRECT SUPERVISION OF PROFESSIONAL MANGROVE TRAINER AS THAT TERM IS DEFINED IN SECTION 403.93(2)(1), FLORIDA STATUTES. NO HERRICIDE SHALL BE USED ON MANGROVES.

- PROJECT CONSTRUCTION ACTIVITIES WITHIN THE PROJECT LIMITS OF CONSTRUCTION (P.L.C.) MAY REQUIRE TRAINING OF MANGROVES AND BUTTONWOODS OUTSIDE OF BUT ADJACENT TO THE L.O.C. THESE TREES MUST BE PROTECTED WHERE FEASIBLE. THE CONTRACTOR SHALL TEMPORARILY TIE BACK MANGROVE BRANCHES WHEREVER POSSIBLE TO REMOVE THEM FROM CONSTRUCTION ZONES RATHER THAN TRIMMING THE BRANCHES. UPON COMPLETION OF WORK IN THE CONSTRUCTION AREA, MATERIALS USED TO TIE BACK SUCH BRANCHES SHALL BE REMOVED.

- THE CLEARING OR REVALO OF EXISTING NATIVE VEGETATION LOCATED OUTSIDE THE L.O.C. FOR THE PROJECT (INCLUDING L.O.C. ASSOCIATED WITH WETLAND MITIGATION CONSTRUCTION ACTIVITIES) IS PROHIBITED OTHERWISE OTHERWISE INDICATED IN THE PLANS. IF NATIVE VEGETATION, INCLUDING LANDSCAPING MATERIALS, LOCATED OUTSIDE OF SAW AREAS IS IMPACTED WITHOUT AUTHORIZATION OR THREE SPECIFIED TO BE PROTECTED IN THE PROJECT PLANS ARE IMPACTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY REPAIRS. REPLACEMENT VEGETATION MUST BE APPROVED BY THE DEP/OGT PROJECT MANAGER. THE CONTRACTOR SHALL WARRANT THE ESTABLISHMENT AND SURVIVAL OF THE REPLACEMENT MATERIAL FOR A PERIOD OF AT LEAST ONE YEAR FOLLOWING ITS INSTALLATION.

- ADDITIONAL SPECIFICATIONS AND REQUIREMENTS FOR VEGETATION REMOVAL AND TRAINING APPLY TO: (A) CONSTRUCTION OF PROJECT BOARDWALKS, PORTIONS OF THE TRAIL BUILT ON ABANDONED STATE ROAD 44 (SR44), AND SRMA CONNECTOR SEGMENTS; (B) CONSTRUCTION AND RELATED WORK CONDUCTED AS PART OF THE WETLAND MITIGATION PROGRAM. REFER TO SEPARATE NOTES CONCERNING THESE ITEMS.

- UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS, ALL EXISTING LANDSCAPING SHALL REMAIN. ALL EXISTING LANDSCAPING TO BE REMOVED OR MOVED SHALL BE FLAGGED IN THE FIELD AND REVISED BY THE DEP/OGT PROJECT MANAGER OR MANAGERS DESIGNEE PRIOR TO DISTURBANCE.

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REGULATORY OFFICE  
PROJECT MANAGER: *[Signature]*

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THE CONTRACTOR IS ADVISED THAT THE CROSS-SECTIONS CONTAINED HEREIN THAT FALL WITHIN THE LIMITS OF THE FOOT SHORELINE STABILIZATION ZONE ILLUSTRATE TOPOGRAPHY PRESENT PRIOR TO COMPLETION OF FOOTSTEPS REPAIRS (I.E. ACTUAL GRADES PRESENT AT THE TIME THE AREA WAS SURVEYED AND FUTURE "EXISTING CONDITIONS" THAT SHOULD BE PRESENT WHEN CONSTRUCTION OF THE SUBJECT PROJECT BEGINS). THE DEPOT/PROJECT ENGINEER MAINTAINS A COPY OF THE CONTRACTOR'S "EXISTING CONDITIONS" (UTURE EXISTING GRADES) WAS BASED ON THE FOOT CONTRACT PLANS CITED ABOVE AND ADDITIONAL GUIDANCE PROVIDED BY THE ENGINEER OF RECORD FOR SDA PLANS.

THE LIMITS OF WETLANDS ILLUSTRATED IN PLAN VIEWS AND CROSS-SECTIONS COVERING THE FOOT SHORELINE STABILIZATION ZONE DEPICT WETLAND LIMITS ASSUMED TO BE PRESENT FOLLOWING COMPLETION OF THE FOOT PROJECT AUTHORIZED WETLAND IMPACTS. THE SAME IS TRUE FOR THE VEGETATION LINE SHOW HEREIN FOR THE SHORELINE STABILIZATION ZONE. THE CONTRACTOR SHALL NOT BEGIN TRAIL CONSTRUCTION ACTIVITIES IN THE FOOT SHORELINE STABILIZATION ZONE UNTIL AFTER FOOT SHORELINE REPAIR ACTIVITIES ARE COMPLETED. ONCE THIS WORK IS FINISHED, THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING THIS AREA PRIOR TO BEGINNING CONSTRUCTION TO ENSURE GRADES AND CONDITIONS PRESENT CLOSELY APPROXIMATE THE FUTURE EXISTING CONDITIONS ILLUSTRATED HEREIN. IF SIGNIFICANT DISCREPANCIES ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE DEP/OCT PROJECT MANAGER AND THE PROJECT ENGINEER IMMEDIATELY AND SHALL NOT PROCEED WITH CONSTRUCTION OF THE TRAIL IN THIS ZONE UNTIL RECEIVING AUTHORIZATION FROM THE DEP/OCT PROJECT MANAGER OR THE MANAGER'S DESIGNEE.

#### 22. CONSTRUCTION OF TRAIL ALONG ABANDONED SEGMENTS OF STATE ROAD 44 (SR44) AND CONSTRUCTION OF SRA CONCTOR SEGMENTS - GENERAL NOTES

THIS PROJECT INVOLVES CONSTRUCTION OF THE FOOT (SHARED USE PATH) ALONG CERTAIN SEGMENTS OF SR44 NO LONGER USED BY VEHICLES. THESE SEGMENTS ARE REFERRED TO AS "ABANDONED SR44" OR "OLD SR44" AND GENERALLY FOLLOW AN EAST/WEST ALIGNMENT. THE EXTENT OF TRAIL CONSTRUCTION ON ABANDONED SR44 OCCURS AT THE FOLLOWING LOCATIONS (USING SR44/1 BASLINE STATIONING AS REFERENCE):

- CUDJOE KEY - STA. 827+4+01 TO STA. 842+2+98
- CUDJOE KEY - STA. 859+0+00 TO STA. 873+2+20
- CUDJOE KEY - STA. 784+9+88 TO STA. 792+3+57
- CUDJOE KEY - STA. 724+3+39 TO STA. 744+9+98
- SUMMERTIME KEY - STA. 833+4+00 TO STA. 833+4+08

IN ADDITION TO THE ABOVE SEGMENTS, THIS PROJECT INVOLVES CONSTRUCTION OF TRAIL SEGMENTS EXTENDING FROM THE NORTH SIDE OF SR44/1 TO CERTAIN TRAIL SEGMENTS TO BE BUILT ON ABANDONED SR44. THESE TRAIL SEGMENTS GENERALLY FOLLOW A NORTH/SOUTH ALIGNMENT AND ARE HEREIN REFERRED TO AS "SRA CONNECTOR SEGMENTS". THESE OCCUR AT THE FOLLOWING LOCATIONS:

- CUDJOE KEY - STA. 826+4+05 TO STA. 827+3+30 (PAVED TRAIL WITH DRAINAGE CULVERT)
- CUDJOE KEY - STA. 744+9+55 TO STA. 744+6+18 (PAVED TRAIL)
- SUMMERTIME KEY - STA. 784+9+88 TO STA. 797+1+02 (PAVED TRAIL + ADDITIONAL ROADWAY PAVEMENT)
- SUMMERTIME KEY - STA. 833+4+06 TO STA. 833+4+28 (PAVED TRAIL + ADDITIONAL ROADWAY PAVEMENT)

PRIOR TO BID SUBMITTAL, ALL POTENTIAL CONTRACTORS FOR THIS PROJECT SHALL FIRST INSPECT THE AREAS WHERE TRAIL CONSTRUCTION WILL BE ON ABANDONED SR44 AND WHERE THE SRA CONNECTOR SEGMENTS ARE PROPOSED. THE CONTRACTOR IS ADVISED THAT THE LIMITS OF SRA CONNECTOR SEGMENTS SHOWN ON THESE PLANS ARE VERY APPROPRIATE IN SEVERAL PLACES AS ARE THE LIMITS OF EXISTING PAVED AREAS (EDGE OF PAVEMENT) ON ABANDONED SR44. THE CONTRACTOR MUST HAVE A COMPLETE UNDERSTANDING OF EXISTING SITE CONDITIONS, THE LEVEL OF WORK REQUIRED, AND TRAIL CONSTRUCTION LOGISTICS, INCLUDING CONSTRUCTION ACCESS.

PRIOR TO INITIATION OF TRAIL CONSTRUCTION ON ABANDONED SR44 AND PRIOR TO CONSTRUCTION OF SRA CONNECTOR SEGMENTS, THE CONTRACTOR SHALL FIRST ESTABLISH MARKERS ALONG THE CENTERLINE OF THE TRAIL. UPON COMPLETION, THE CONTRACTOR SHALL NOTIFY THE DEP/OCT PROJECT MANAGER AND THE MANAGER WILL INSPECT THE MARKED AREAS. THE DEP/OCT PROJECT MANAGER MAY REQUIRE ADJUSTMENTS AND THESE SHALL BE MADE BY THE CONTRACTOR AS DIRECTED BY THE DEP/OCT PROJECT MANAGER OR MANAGER'S DESIGNEE. TRAIL CONSTRUCTION WILL NOT PROCEED UNTIL THE CONTRACTOR HAS OBTAINED FINAL AUTHORIZATION FROM THE DEP/OCT PROJECT MANAGER OR MANAGER'S DESIGNEE.

PROJECT WETLAND MITIGATION ACTIVITIES INCLUDE EXCAVATING/GRAVELING CERTAIN PORTIONS OF ABANDONED SR44 TO REMOVE THE EXISTING ROAD BASE/EMBANKMENT. WITH THE EXCEPTION OF INITIAL TRAINING/REMOVAL OF VEGETATION, THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION ON THE FOLLOWING SEGMENTS OF THE TRAIL ON OLD SR44 AND OTHER SPECIFIED TRAIL SEGMENTS UNTIL EXCAVATION AND FINAL GRAVELING OF ADJACENT MITIGATION AREAS IS COMPLETED:

- SUMMERTIME KEY - STA. 784+8+00 TO 833+4+06, TRAIL ON ABANDONED SR44.

REMOVAL OR TRAINING OF NATIVE VEGETATION LOCATED OUTSIDE THE LIMITS OF CONSTRUCTION (L.O.C.) FOR THE TRAIL ON OLD SR44 AND FOR THE SRA CONNECTOR SEGMENTS IS PROHIBITED EXCEPT AS DESCRIBED BELOW, UNLESS OTHERWISE INDICATED IN THE PLANS. REMOVAL OF NATIVE VEGETATION LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE LIMITED TO REMOVAL NECESSARY TO CONDUCT MILLS AND RESURFACING ACTIVITIES, INSTALL NEW SUBGRADE MATERIAL, APPLY NEW ASPHALT PAVEMENT, BRANCHES, LINES, AND PROTECTIVE ROSES OF TREES AND SHRUBS THAT EXTRADITE INTO THE LIMTS OF CONSTRUCTION FROM PLANTS LOCATED OUTSIDE THE L.O.C. SHALL EXTEND VERTICALLY TO A MAXIMUM DISTANCE OF 10 FEET ABOVE THE FINISHED TRAIL SURFACE, IN ORDER TO PROVIDE THE SAFE AND UNOBSTRUCTED PASSAGE OF TRAIL USERS, TRAIL MAINTENANCE VEHICLES, AND TRAIL CONSTRUCTION EQUIPMENT ALONG THE TRAIL. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE DEP/OCT PROJECT MANAGER OR MANAGER'S DESIGNEE PRIOR TO TRAINING BRANCHES/LINES THAT ARE HIGHER THAN 7 FEET ABOVE THE FINISHED TRAIL SURFACE. ALL TRAINING OF VEGETATION SHALL BE PERFORMED BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST.

THESE SPECIFICATIONS FOR VEGETATION REMOVAL AND TRAINING DESCRIBED ABOVE APPLY TO SEGMENTS OF THE TRAIL ON ABANDONED SR44 AND TO THE SRA CONNECTOR SEGMENTS, EXCEPT FOR THE SRA CONNECTOR SEGMENT AT STA. 784+8+00 TO STA. 797+1+02. REFER TO NOTES CONCERNING BOARDWALK CONSTRUCTION FOR THIS LATTER SR44 CONNECTOR SEGMENT.

ALL DEBRIS GENERATED DURING TRAIL CONSTRUCTION SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN A DILY LICENSED FACILITY. DISPOSAL OF VEGETATION DEBRIS IN ADJACENT WETLANDS AND UPLANDS IS STRICTLY PROHIBITED.

#### 23. SIGNING & PAYMENT MARKING NOTES:

ALL PAYMENT MARKINGS SHOULD BE CURRENT WITH FOOT INDEX DESIGN STANDARDS.

ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS. ALL SIGN PAELS SHALL BE FABRICATED TO COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY AND ADMINISTRATION STANDARD HIGHWAY SIGNS.

MATCH EXISTING PAYMENT MARKINGS AT THE BEGINNING AND THE END OF THE PROJECT AND AT ALL SIDE STREETS WITHOUT JOGS AND OFFSETS.

ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRUMMANS, WHEELCHAIR RAMPS, ETC., MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY THE DISTRICT TRAFFIC OPERATION DEPARTMENT.

INCORRECTLY PLACED (HERMAPHRODITIC) PAINT MARKINGS OVER FRICTION COURSE WILL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 0.5 METERS (18 IN) AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MAY APPROVE AN ALTERNATIVE METHOD IF IT CAN BE DEMONSTRATED TO COMPLETELY REMOVE THE MARKINGS WITHOUT DAMAGING THE ASPHALT.

THE CONTRACTOR SHALL RELOCATE ALL EXISTING POST-MOUNTED STREET NAME AND STOP SIGNS TO A VISIBLE AREA UNDISTURBED BY THE CONSTRUCTION SO AS TO MINIMIZE DAMAGE TO THE SIGNS DURING CONSTRUCTION. THE STREET NAME SHALL BE REATTACHED TO THE TOP OF THE NEW STOP SIGNS ON MINOR SIDE STREETS AT THE END OF CONSTRUCTION. THE NEW STOP SIGN POST SHALL HAVE ADEQUATE LENGTH TO ACCOMMODATE THE EXISTING STREET NAMES AT THE TOP. COST OF RELOCATION AND REATTACHMENT OF STREET NAME SIGN SHALL BE PAID FOR UNDER PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE STANDARD SPECIFICATIONS, SPECIFIC PROVISIONS AND ROADWAY DESIGN AND TRAFFIC STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED, THE COST SHALL BE INCLUDED IN THE RELOCATION PAY ITEMS.

THE CONTRACTOR SHALL SUBMIT A LIST OF THE EXISTING SIGNS TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION CONFERENCE. ANY LOST OR DAMAGED DURING CONSTRUCTION SIGNS SHALL BE REPLACED AT NO ADDITIONAL COST. COST OF MAINTENANCE OF EXISTING SIGNS TO BE INCLUDED IN ITEM 102-1, MAINTENANCE OF TRAFFIC.

MIAMI REGULATORY OFFICE:

COE #: 2009-02399  
PROJECT MANAGER: [Signature]

JUN 30 2009

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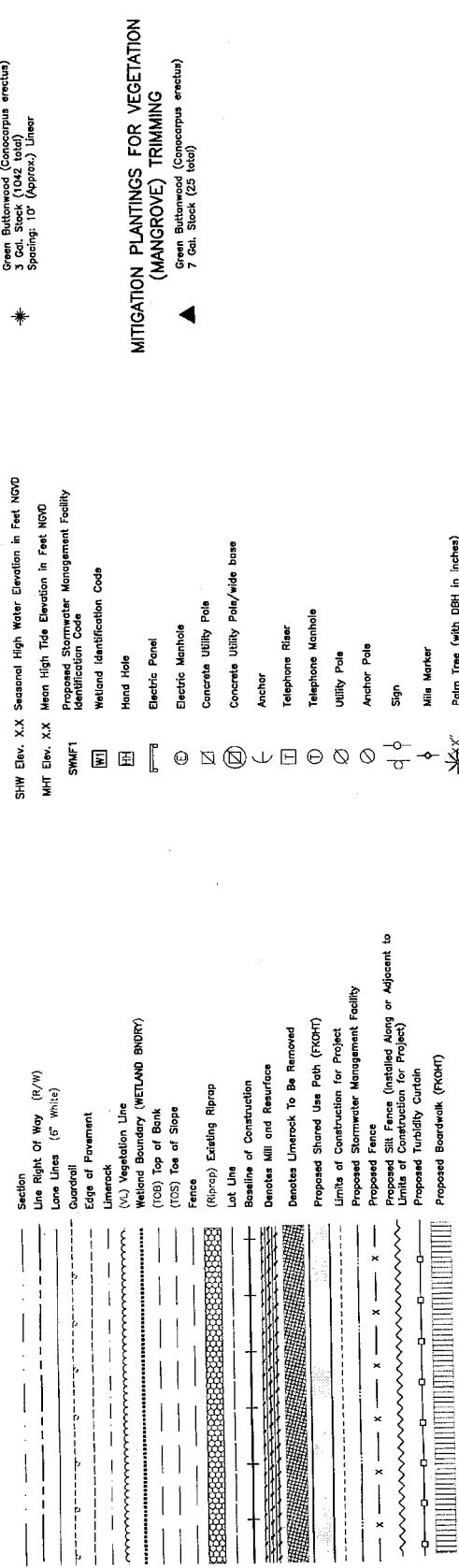
Proposed  
US ARMY  
CORPS OF ENGINEERS

2009-02399

6/11/09

ITEM	DESCRIPTION	ACTIVITY	NUMBER/DATE	TITLE	GENERAL NOTES	
					ACTIVITY	NUMBER/DATE
1	DEPARTMENT OF ENVIRONMENTAL PROTECTION		R.L. 10-2007-0	Florida Keys Overseas Heritage Trail Lower Sugarloaf to Summerland Key		
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**STANDARD SYMBOLS FOR PLAN SHEETS**



**NOTE:**

1. ON PLAN SHEETS, PROPOSED SILT FENCE IS INDICATED USING THE LINETYPE/SYMBOLS INDICATED ABOVE ONLY IN CERTAIN LOCATIONS. OTHERWISE, LOCATIONS WHERE SILT FENCE IS NECESSARY ARE INDICATED BY LEADER TEXT SPECIFYING THE BEGINNING AND ENDING OF SILT FENCE SEGMENTS. THE SILT FENCE WILL BE INSTALLED ALONG THE PROJECT LIMITS OF CONSTRUCTION (LOC) FOR THESE SEGMENTS.

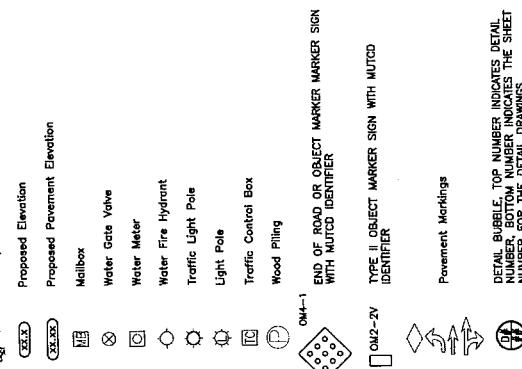
*Proposed*  
**US ARMY  
CORPS OF ENGINEERS**

JUN 30 2009 H.F.H.  
COE #: 2009-02399  
PROJECT MANAGER: Sotelo

**WETLAND STRUCTURAL BUFFER PLANTINGS**



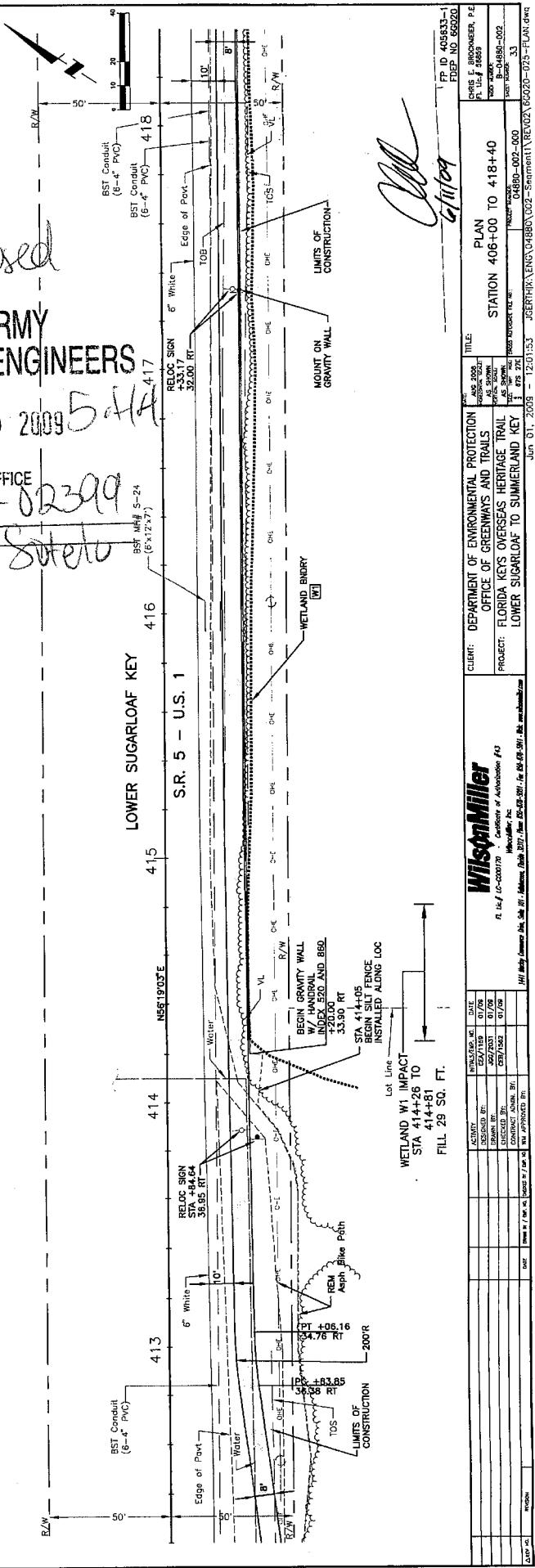
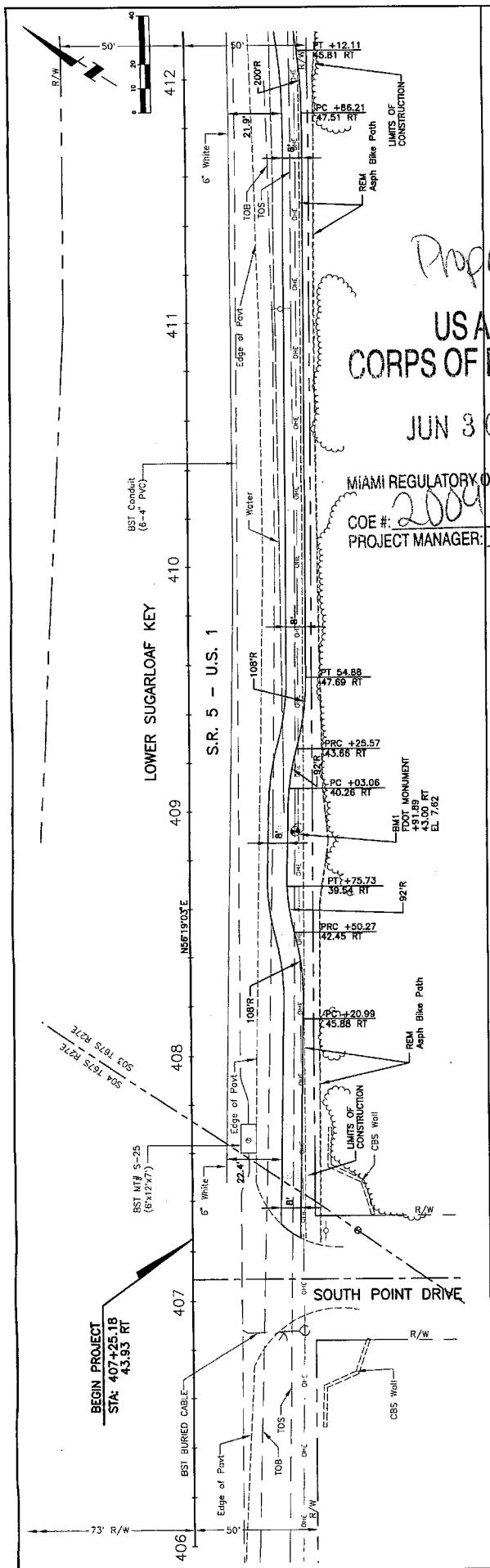
**MITIGATION PLANTINGS FOR VEGETATION (MANGROVE) TRIMMING**

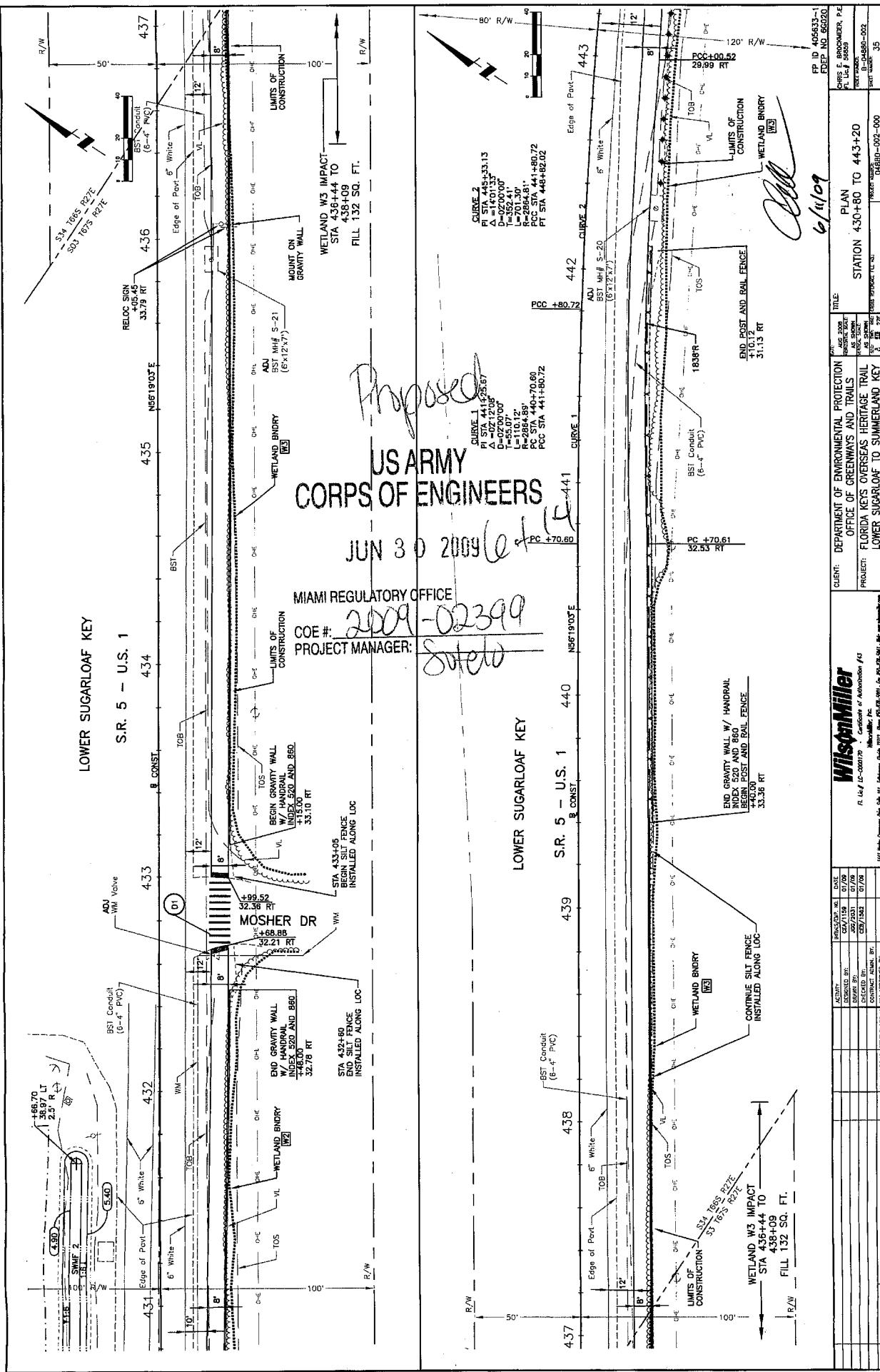


FF ID: 40253-1  
REF ID: 65292  
Cores E. S. Sotelo  
P.O. Box 1680-0002  
Miami, FL 33168-0002  
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JUN 30 2009 - 063349  
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**UNITS OF CONSTRUCTION**

LOC	CLIENT: DEPARTMENT OF ENVIRONMENTAL PROTECTION FL. Lic. #LC-020015 • Certification Authority FAI PROJECT: FLORIDA KEYS OVERSEAS HERITAGE TRAIL LOWER SUGARLOAF TO SUMMERLAND KEY	STANDARD SYMBOLS
SWFL-1	SWFL-1	SWFL-1

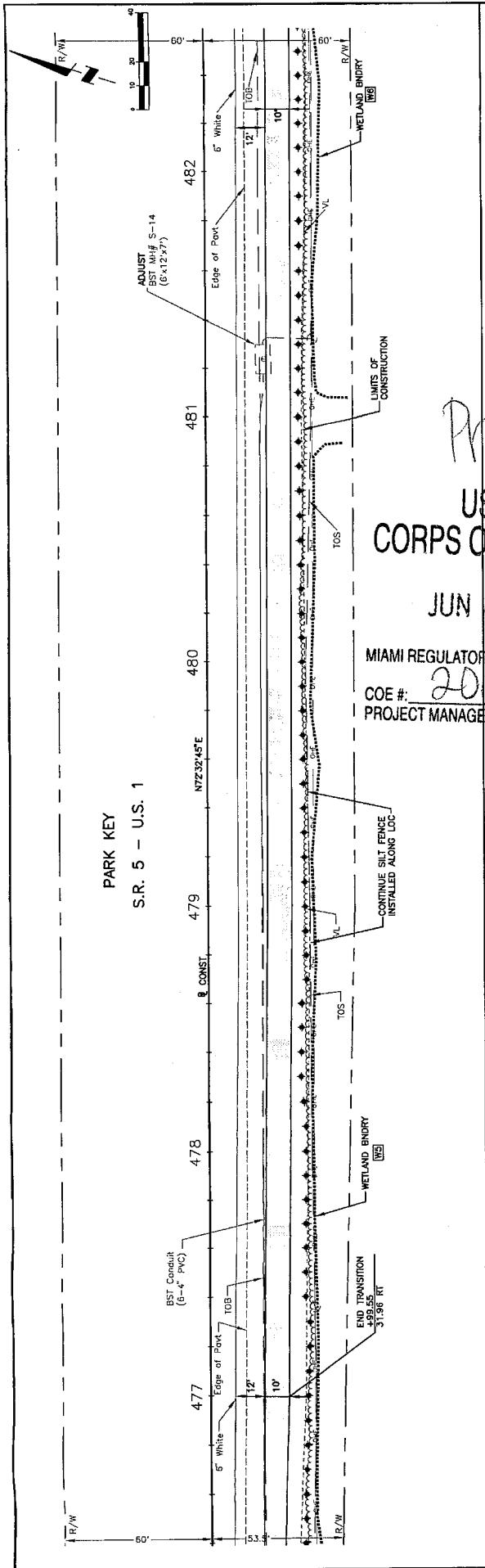




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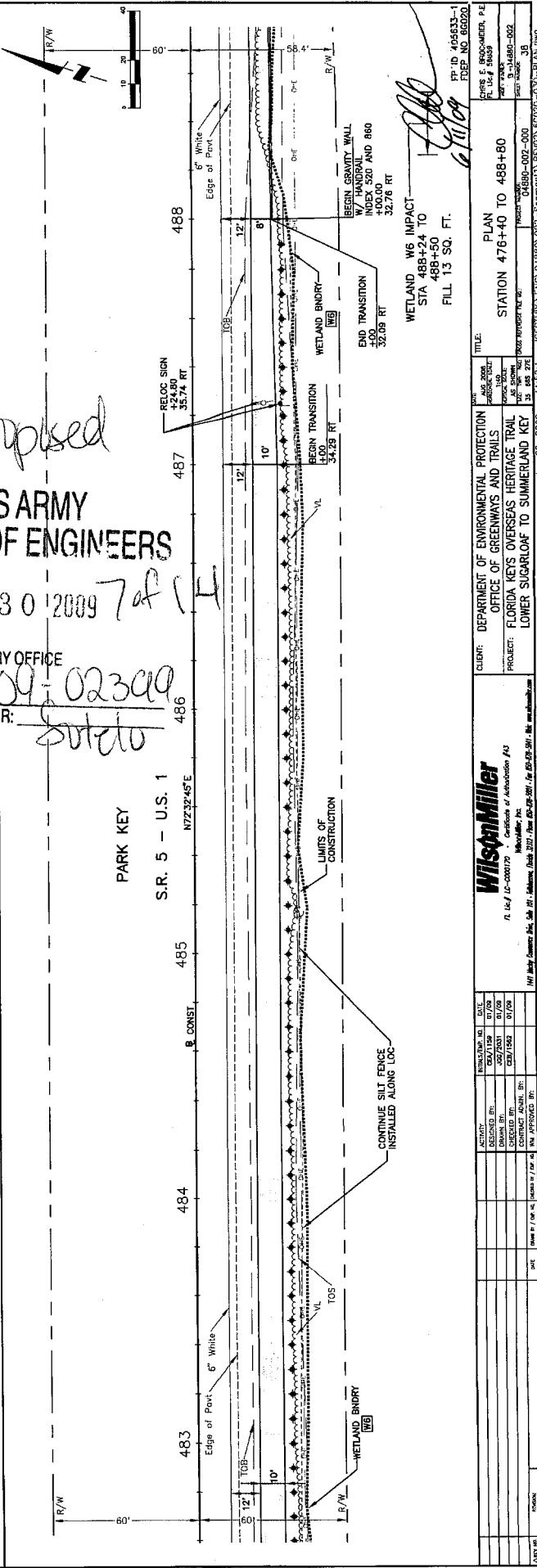
**US ARMY  
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JUN 30 2009 /at 14

**MIAMI REGULATORY OFFICE**

COE #: 205  
PROJECT MANAGER:

2009-02304  
MANAGER: Sotelo







US ARMY  
CORPS OF ENGINEERS

JUN 30 2009 (D)

MIAMI REGULATORY OFFICE  
COE #: 2009-02399  
PROJECT MANAGER: Sotelo

WETLAND W15 IMPACT  
STA 628+91 TO  
STA 627+21  
FILL 523 SQ FT



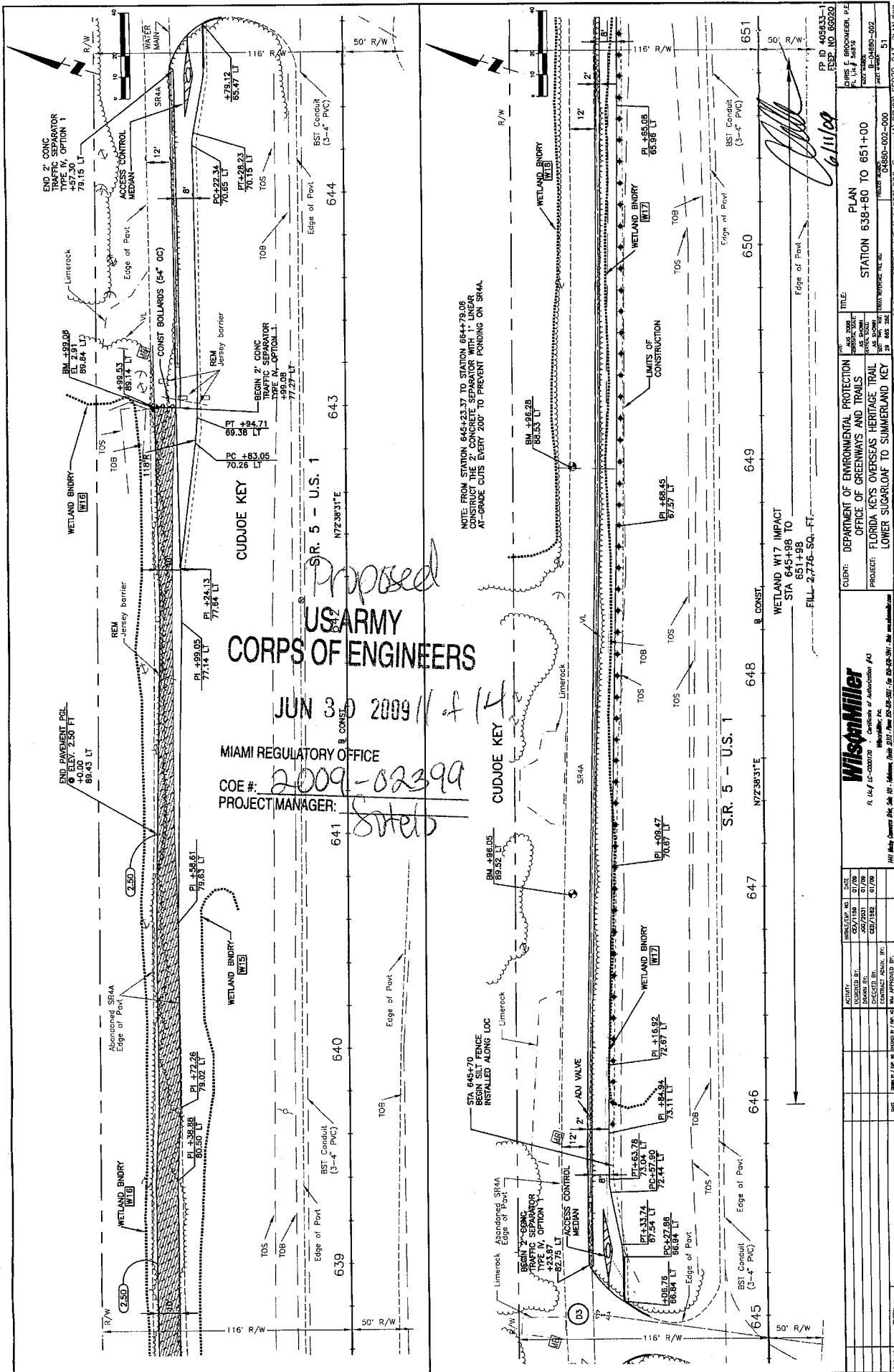
♦ SAFETY ENHANCED CROSSWALK INCLUDING: SOLAR POWERED CONTROL UNIT (LOS-SOLAR SYSTEM) W/ 80W SOLAR PANEL, PROGRAMMABLE INTERFACE AND BATTERY OPERATED, 12" AMBER DC POWERED BEACONS (1 EA. ROADSIDE AND 1 ADA COMPLIANT), 2" PUSH BUTTON ASSEMBLY W/ LED INDICATORS (1 EA. ROADSIDE, CONTACT LOS-CHUB-METER FOR PRODUCTS).

NOTE: SEE SPECIAL AREA DETAILS  
SHEET FOR STA 627+00 PROFILE  
AND CROSS SECTIONS

KEY

**Safety Enhanced Crosswalk** including: Solar Powered Control Unit (LGS-Solar System) w/ 80W SOLAR PANEL, PROGRAMMABLE INTERFACE AND BATTERY OPERATED 17" AMBER DC POWERED BEACONS (1 EA. ROADSIDE) AND DA COMPATIBLE 2' PUSH BUTTON ASSEMBLY W/ LED PLACARDS (LGS-PBA-PAIR) (1 EA. ROADSIDE). CONTACT LIGHT GUARD SYSTEMS INC. AT (707) 542-4547 FOR PRODUCTS

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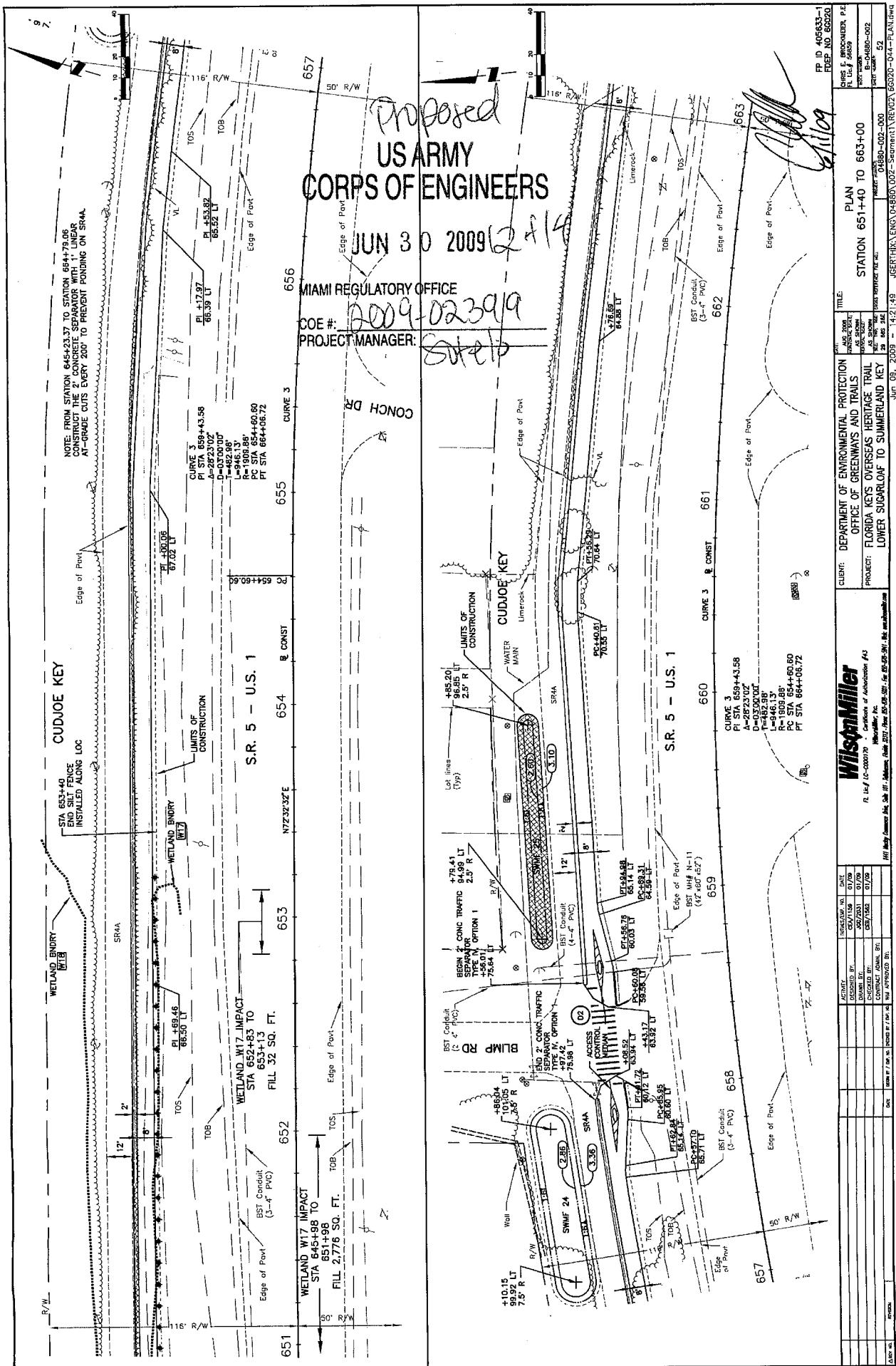
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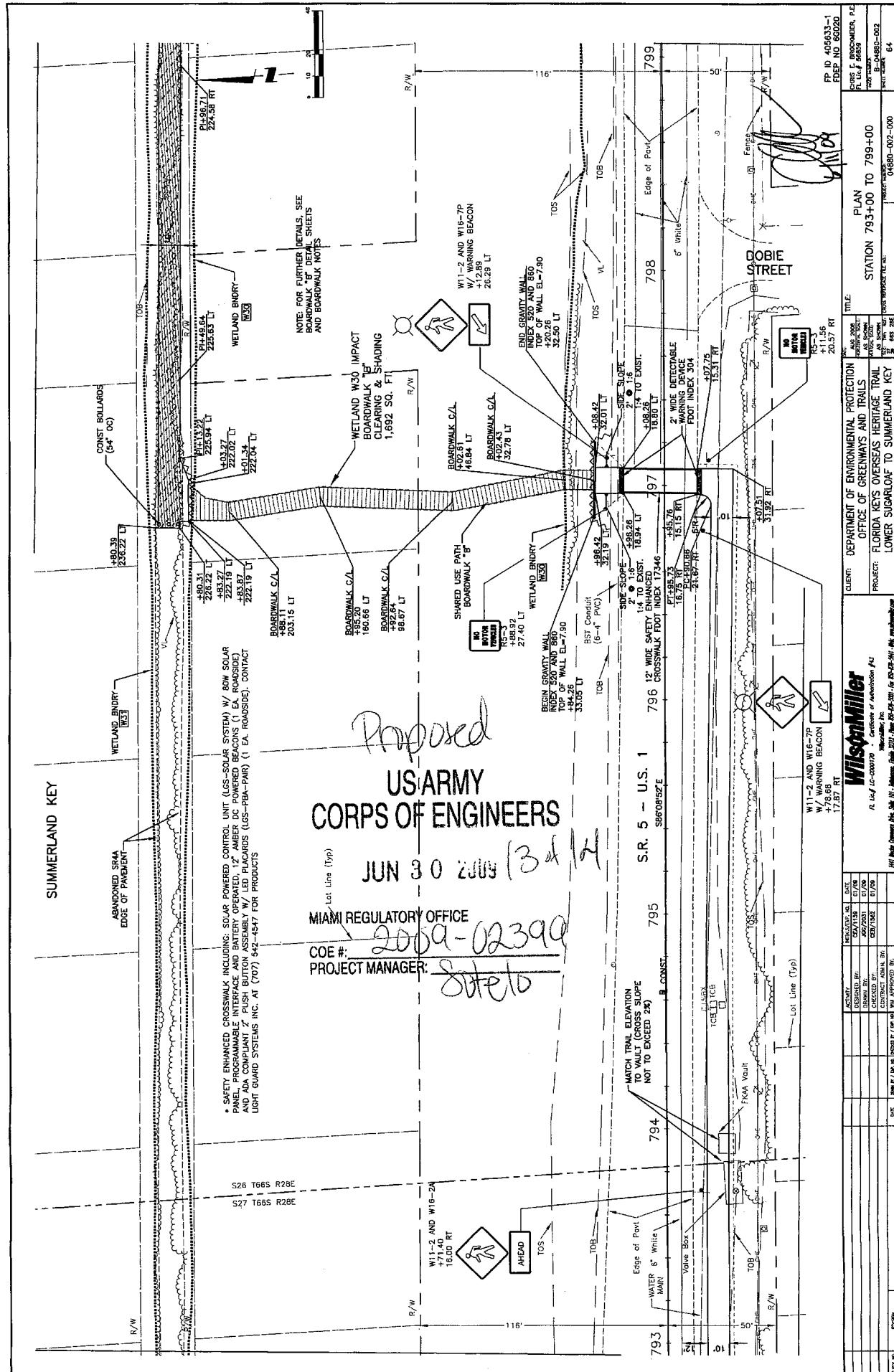
MIAMI REGULATORY OFFICE  
COE #: 2009-  
PROJECT MANAGER:

DE #: 2009-02394  
PROJECT MANAGER: S. Hels

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